Use Attainability Analysis

for

WBID 1003 Little Bonne Femme Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

Field Data Sheets for Recreational Use Stream Surveys JUN 13 AH11: 50

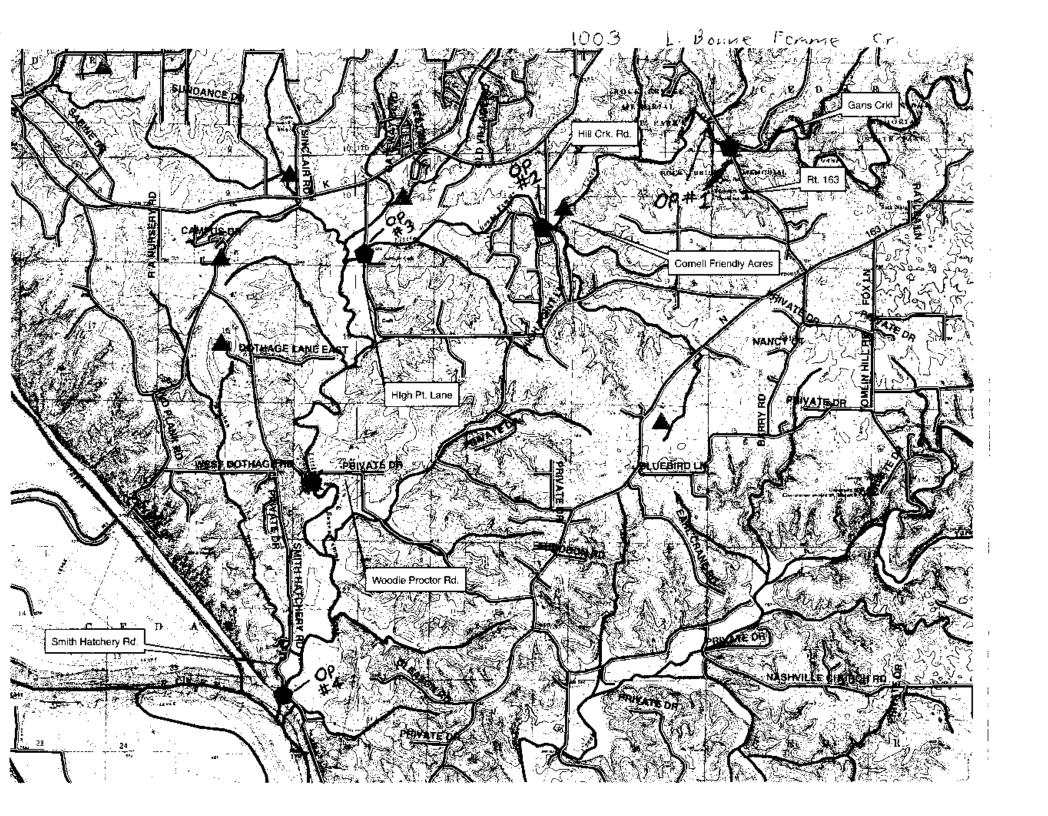
Data Sheet A - Water Body Identification

WATER PROTECTION PROGRAM

Water Body Name (from USGS 7.5' quad): Little Bonne Femme Creek
8-digit HUC: 10300102
Missouri WBID #: 1003
County: Boone
Upstream Legal Description: NW 1/4 Sec. 7 T47N R12W
Downstream Legal Description: (Landgrant 1726) Just South of 5E1/4 Sec. 33
Upstream Coordinates: 558381 4303259 T47N R 13W
Downstream Coordinates: 553367 4296816
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 4
Name of Surveyor and Telephone Number: Tycker Fredrickson (573)526-4216
Organization: MDNR
Position: Environmental Specialist

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Juch	er Treduckson	Date:	5/10	05	



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: C	03-01		Site Location Des	scription: $oldsymbol{\mathcal{C}}$ on fluence	e of Gans
Site GPS Coordinates:	58501 430	03259	OP#1	Creek and Roc	K Bridge Creek
Date & Time: 5//0/0	05 12:43	5 PM		Little Bonne	Femme Creek
Personnel: Tucke	r Fredrick	son	Permit Number:		
Current Weather Condition	ms: Sunny	70°F	Weather Condition	ons for Past 7 days: 0,2 ''r	ain Since 5/01/05
Photo Ids: Upstream:	38 Down	stream:	39 Other	-	
Uses Observed*:					
Swimming	Skin diving	☐ SC1	JBA diving	Tubing	Water skiing
☐ Wind surfing	☐ Kayaking	Boa	nting	☐ Wading	Rafting
Hunting	Trapping	Fisl	ning	None of the above	Other:
Describe: (include numbe	r of individuals recre	ating, freque	ency of use, photo-	documentation of evidence	of recreational uses, etc.)
Surrounding Condition	onne Femme	e begin	s within bu	jundaries of Roc	K Bridge State
City/county parks	☐ Piaygrounds	MDC co	nservation lands	Urban areas	Campgrounds Par
☐ Boating accesses	State parks	National	forests	☐ Nature trails	Stairs/walkway
☐ No trespass sign	☐ Fence	Steep slo	ppes	Other:	
Evidence of Human Use	e*:				
Roads	Foot paths/print	s 🔲 I	lock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	F	ire pit/ring	☐ NPDES Discharge	Fishing Tackle
Other:					

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID # 1005:

	÷
Upstream View Physical Dimensions: Riffle Width (ft): Length (ft):	Avg. Depth (ft): Max. Depth (ft):
Run Width (ft): Length (ft):	Avg. Depth (ft): Max. Depth (ft):
477	
Flow Present? Yes No	Avg. Depth (ft): 1.5' Max. Depth (ft): 3.5' Estimated (ft ³ /sec):
21 - 50 - 21 - 50	Estimated ((1966).
Downstream View Physical Dimensions:	
	Avg. Depth (ft): 0.25 Max. Depth (ft): 0.5
Run Width (ft): Length (ft):	Avg. Depth (ft); Max. Depth (ft);
Pool Width (ft): Length (ft):	Avg. Depth (ft): Max. Depth (ft):
☐ Flow Present? X Yes ☐ No	Estimated (ft ³ /sec):
Substrate*: (These values should add up to 100%.) 60 % Cobble 40 % Gravel % Sand	0/ 5/1
Sand	% Silt % Mud/Clay % Bedrock
Water Characteristics*: (Mark all that apply.) Odor: Sewage Musky Che	
	mical None Other:
Surface Deposit: Oil Scum Foa	
Comments: Please attach additional comments (including Scum caused by leaf decomposition) *This information is not to be used solely for removal of a recreation comprehensive understanding of water conditions. Consequently, this decision on the recreation use analysis but may point to conditions the latest of my known than the conditions of the latest of my known than the latest of the latest of my known than the lates	observed 100 (2") fish all use designation but rather is to provide a more s information is not intended to directly influence a at need further analysis or that effect another use.
Signed: Tucher Freduckson Organization: MDNR	Parts 5/10/05



1003_01_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	003 -02		Site Location De	escription: Hill Creek	Rd bridge		
Site GPS Coordinates:	556431 430	2287	OP#2 Crossing				
Date & Time: 5/10			Facility Name: Little Bonne Femme Crk.				
Personnel: Tuck	cer Fredricks		Permit Number:				
Current Weather Condi			Weather Conditi	ions for Past 7 days: C.2 " r	ain since 5/01/00		
Photo Ids: Upstream:		ıstream:	41 Othe		-0 1 0 0 RC 01 - 17 -		
			- 1				
Jses Observed*:					<u></u>		
Swimming	Skin diving	☐ SCT	UBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boa	iting	☐ Wading	Rafting		
☐ Hunting	☐ Trapping	☐ Fist	ning	None of the above	Other:		
Describe: (include num							
NA Surrounding Condition				uses. Attach photos of eviden	nce or unusual		
NA Surrounding Conditions of interest.)	ons*: (Mark all that pr	omote or imp	pede recreational u	uses. Attach photos of evide			
Surrounding Condition terms of interest.)	Ons*: (Mark all that po	omote or imp	pede recreational unservation lands	uses. Attach photos of evider Urban areas	☐ Campgrounds		
Surrounding Condition tems of interest.) City/county parks Boating accesses	Ons*: (Mark all that po	omote or imp MDC con National	pede recreational unservation lands	uses. Attach photos of evider Urban areas Nature trails			
Surrounding Condition terms of interest.)	Ons*: (Mark all that pr	omote or imp	pede recreational unservation lands	uses. Attach photos of evider Urban areas	☐ Campgrounds		
Surrounding Condition tems of interest.) City/county parks Boating accesses No trespass sign	Ons*: (Mark all that pr	omote or imp MDC con National Steep slo	pede recreational unservation lands	uses. Attach photos of evider Urban areas Nature trails	☐ Campgrounds		
Surrounding Condition tems of interest.) City/county parks Boating accesses No trespass sign	Ons*: (Mark all that po	omote or imp MDC con National Steep slo	pede recreational unservation lands forests	Urban areas Nature trails Other: NA	☐ Campgrounds ☐ Stairs/walkway		

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Data Sheet B - Site Characterization

Page Two - WBID # 1005:

Stream Morpholo	Q.			:		
	Physical Dime					
Riffle Width	ı (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Run Width	ı (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	<u></u>
Pool Wide	1(ft): 30′	Length (ft): 35	Avg. Depth (ft): 0.5	Max. Depth (ft):	1'
☐ Flow Prese	nt? 🛮 Yes 🗆	No	Estimated (fr			
Downstream V	iew Physical Di	mensions:				
Riffle Width		Length (ft):	Avg. Depth (fi):	Max. Depth (ft):	· · · · · · · · · · · · · · · · · · ·
Run Widt	ı (ft):	Length (ft):	Avg. Depth (fi):	Max. Depth (ft):	 -
Pool Width	(ft): 45'	Length (ft): 75			Max. Depth (ft):	2.5
☐ Flow Prese		No	Estimated (ft		·	2-10
Substrate*: (These						
10 % Cobb.	le 30 % Gr	avel	% Sand	% Silt 60	% Mud/Clay '	% Bedrock
Water Characteri	stics*: (Mark all t	hat apply.)				
Odor.,	Sewage	Musky	Chemical	Mone None	Other:	
Color:	☐ Clear	Green	Gray	Milky	Other: Clou	idu
Bottom Deposit:	Sludge	☐ Solids	Tine sediments	None	Other:	·
Surface Deposit:	Oil	Scum	Foam	None Non	Other:	
*This information is no comprehensive underst decision on the recreation, the undersigned datasheet is true a Signed:	or to be used solely anding of water contion use analysis but , hereby affirm and accurate.	for removal of a reconditions. Conseque may point to condition to the best of n	creational use design ntly, this information tions that need furth	ation but rather is n is not intended to er analysis or that nat all informa	to provide a more o directly influence a effect another use.	
Organization: M	DNR	<u>.</u>	Position			
			•			



1003_02_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: ()(03 -03		Site Location De	scription: Bridge cr	ossing High		
Site GPS Coordinates: 5,		236	09#3	Point Lane	٠		
Date & Time: 5/10/0.			Facility Name: Little Bonne Femme Crk.				
Personnel: Tucker	Fredricks	ion	Permit Number:				
Current Weather Condition		75°F	Weather Condition	ons for Past 7 days: (). 2" ,	rain since 5/01/05		
Photo Ids: Upstream:		tream:	44 Other				
Uses Observed*:							
Swimming	Skin diving	□ sci	UBA diving	Tubing	Water skiing		
Wind surfing	Kayaking	Вог	iting	Wading	Rafting		
Hunting	Trapping	Fisl	ning	None of the above	Other:		
Surrounding Condition	s*: (Mark all that pr	omote or im	pede recreational r	uses. Attach photos of evider	ice or unusual		
items of interest.)	Playgrounds	□ MDC ro	nservation lands	Urban areas	Campgrounds		
City/county parks	3 7 8	☐ National		Nature trails	Stairs/walkway		
Boating accesses	State parks			Other: NA			
☐ No trespass sign Evidence of Human Use	Fence	Steep sid	.pes	M. Omer.			
Roads	Foot paths/print	s 🔲 I	Dock/platform	Livestock Watering	RV / ATV Tracks		
Rope swings	Camping Sites	I	ire pit/ring	☐ NPDES Discharge	Fishing Tackle		
Other: NA				<u></u>			

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Data Sheet B - Site Characterization

Page Two - WBID #1003:

**Cobble	Stream Mo.								•			
Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth	l					• D d	465					· <u> </u>
Pool Width (ft): 2 C Length (ft): 2 50' Avg. Depth (ft): 0.75' Max. Depth (ft): 1.5' Flow Present? Yes No Estimated (ft'/sec): Downstream View Physical Dimensions: Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): Avg. Depth (ft): O.5' Max. Depth (ft): Pool Width (ft): Length (ft): Avg. Depth (ft): O.5' Max. Depth (ft): Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present? Yes No Estimated (ft'/sec): Substrate*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt 100% Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor Sewage Musky Chemical None Other: Color: Clear Green Gray Milky Other: Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Seum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Yee5 and tree Youts observed upstream across creek. Iron Stained band trees and the retreation use analysis but may point to conditions that need further analysis or that effect another use. the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA latasheet is true and accurate.	-		· · · · · · · · · · · · · · · · · · ·							lax. Depth (it):	_ <u></u> _
Flow Present? Yes No Estimated (ft²/sec):	-			Length (ft):			1 (ft):		N	fax. Depth (1	t):	
Downstream View Physical Dimensions: Avg. Depth (ft): Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): O.5 Max. Depth (ft): O.75 Pool Width (ft): Length (ft): Avg. Depth (ft): O.5 Max. Depth (ft): O.75 Max. Depth (ft): O.75 Max. Depth (ft): O.75 Max. Depth (ft): Avg. Depth (ft): Max. Depth (ft): Max. Depth (ft): Flow Present? Yes No Estimated (ft ² /sec): Stribstrate*: (These values should add up to 100%.) Stribstrate*: (These values should add up to 100%.)	P001	Width (ft	<u>: 201</u>	Length (ft):	<u> 250</u>	Avg. Deptl	ı (ft):	0.75	′ M	lax. Depth (i	t): /.	5'
Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): 25 Length (ft): 75 Avg. Depth (ft): 0.5 Max. Depth (ft): 75 Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): 75 Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present? Yes No Estimated (ft)/sec): Substrate*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt 100% Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor. Sewage Musky Chemical None Other: Color: Sclear Green Gray Milky Other: Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Tree5 and tree roots observed upstream across creek. Tren Stained bank tribs information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lectision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.	Flow	Present?	Yes Yes	□ No		Estimated ((ft³/sec	:):		· -	-	
Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): 25 Length (ft): 75 Avg. Depth (ft): 0.5 Max. Depth (ft): Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present? Yes No Estimated (ft)/sec):	Downstre	eam View	Physica	l Dimensions:								
Run Width (ft): 25 Length (ft): 75 Avg. Depth (ft): 0.5 Max. Depth (ft): 0.75 Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Present? Yes No Estimated (ft ³ /sec): Substrate*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt /QQ % Mud/Clay % Bedrock						Avg. Deptl	ı (ft):		M	ax. Depth (f	—— t):	···-
□ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): □ Flow Present? ☑ Yes □ No Estimated (ft³/sec): Substrate*: (These values should add up to 100%.) ② Cobble % Gravel % Sand % Silt ☑ % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor. □ Sewage □ Musky □ Chemical ☑ None □ Other: Color: ☑ Clear □ Green □ Gray □ Milky □ Other: Bottom Deposit: □ Sludge □ Solids ☑ Fine sediments □ None □ Other:	Run	Width (ft)	: 25	Length (ft):	75			0.5		<u>-</u>	·	.75
Substrate*: (These values should add up to 100%.) % Cobble	☐ Pool	Width (ft)):	Length (ft):								
Substrate*: (These values should add up to 100%.) % Cobble	Flow	Present?	√ Yes	□No	•	Estimated (ft³/sec	·):				
**Cobble				· · ·				·		···		
Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor. Sewage Musky Chemical None Other: Color: Color: Clear Green Gray Milky Other: Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Free5 and tree roats observed upstream across creek. Tren stained bank of the information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. (I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.												
Water Characteristics*: (Mark all that apply.) Odor. Sewage Musky Chemical None Other: Color: Color: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Trees and tree roots observed upstream across creek. Iron stained band comprehensive understanding of water conditions. Consequently, this information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. (I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	9	% Cobble	<u></u>	% Gravel	%:	Sand	%	6 Silt /(00%1	Aud/Clay	•	% Bedrock
Color: Clear Green Gray Milky Other: Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Trees and tree roots observed upstream across creek. Iron Stained bank This information is not to be used solely for removal of a recreational use designation but rather is to provide a more omprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a ecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. The undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA latasheet is true and accurate.		_	_	ail that apply.)								-
Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Trees and tree roots observed upstream across creek. Tron Stained bank This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. The undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA latasheet is true and accurate.			_ 					None		Other;		
Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. Trees and tree roots observed upstream across creek. Iron stained bank of this information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. The undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.								Milky		Other:		
Comments: Please attach additional comments (including information from interviews) to this form. Trees and tree roots observed upstream across creek. Iron stained bank this information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. The undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	 				<u> </u>							
Tree5 and tree roots observed upstream across creek. Iron Stained bank this information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. If the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.	Surface De	eposit:] Otl	Scum	<u>. L</u>	Foam		None		Other:		
Organization: MDNR Position: ES	Tree5 Que This informaticomprehensive lectision on the t, the understatasheet is	tree ion is not to understandi recreation u signed, he true and	YOUTS be used so ng of wate use analysis ereby aff accurate	observed lely for removal of r conditions. Cons s but may point to firm to the best	ups (f a recreasequently condition of my	ream ac ational use design, this informations that need furth knowledge,	nation on is nation ther and	5 Cree but rather ot intende allysis or d all infor	r is to pr d to dire hat effect mation	Tron S ovide a more entry influence another use a reported	e cea cea	
Organization: MDNR Position: ES	Signed: 📉	Tuchen	Fre	hipson		Date:	٤	5/10/6	05			
	Organization	I. MD/L	ir			Positio	n:	ES	5			-



1003_03_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBiD #:	03 -04		Site Location De	scription: Bridge Cre	55ing Smith	
	Site GPS Coordinates:		1296816	OP# 4 Hatchery Road			
	Date & Time: 5/10/	0.5 (2:45	PM)		ittle Bonne Fem	me CrK.	
ļ	Personnel: Tuck	er Fredrig	KSON	Permit Number:			
	Current Weather Condition		80°F	Weather Conditi	ons for Past 7 days: 0,2 "r	ain Since 5/01/05	
	Photo Ids: Upstream:	15 Dow	nstream:	16 Other			
		(A)	5< 1		-		
Us	es Observed*:	,				·	
	Swimming	Skin diving	□ sc	UBA diving	Tubing	Water skiing	
	☐ Wind surfing	☐ Kayaking	Bos	ating	☐ Wading	Rafting	
	Hunting	Trapping		hing	None of the above	Other:	
	Describe: (include numb	er of individuals rec	reating, frequ	ency of use, photo-	documentation of evidence	of recreational uses, etc.)	
	NA						
	ļ						
c		nowe Ordenie Bakasa		anada recesational i	ises. Attach photos of evide	nce or unusual	
	ms of interest.)	18"; (Mark an mar)	promote or in	ipede recreationar c	ises. Attach photos of cytae.	noc or unusuar	
100	City/county parks	☐ Playgrounds	MDC co	onservation lands	Urban areas	Campgrounds	
	☐ Boating accesses	State parks	National	forests	Nature trails	Stairs/walkway	
	No trespass sign	Fence	Steep sle	opes	Other: Missour	i River Win 50	
			·				
Ę	ridence of Human Us			Oock/platform	Livestock Watering	RV / ATV Tracks	
	Roads	Foot paths/pri		Fire pit/ring	NPDES Discharge	Fishing Tackle	
	Rope swings	□ Camping 3ite:	المال	ne biging	- Carrier Dec Dissings		
	Other:				<u> </u>		

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Data Sheet B - Site Characterization

Page Two - WBID #1005:

Stream Morph		l Dimensions:			2		
	Vidth (ft):	Length (ft):	Avg	Depth (ft):		Max. Depth (ft):	<u>.</u>
☐ Run V	Vidth (ft):	Length (ft):		Depth (ft):		Max. Depth (ft):	
☑ Pool V	Vidth (ft): .]	O' Length (ft): 2			2'	Max. Depth (ft):	4′
Flow P	resent? Y	······································	`			· · · · · · · · · · · · · · · · · · ·	_ '
Downstream	n View Phys	ical Dimensions:				· • · · · · · · · · · · · · · · · · · ·	· -
:	Vidth (ft):	Length (ft):	Avg	. Depth (ft):		Max. Depth (ft):	,
Run V	Vidth (ft):	Length (ft):		Depth (ft):		Max. Depth (ft):	
Pooi V	Vidth (ft):	Length (ft):		Depth (ft):	7'	Max. Depth (ft):	4′
Flow P		es No Backwa	<u> </u>	mated (ft ³ /sec	_=		. '
Substrate*: (T	besa mluas sha	usld add up to 1000/)					
	obble	wild add up to 100%.) % Gravel	% Sand	0,	6 Silt 100	% Mud/Clay	% Bedrock
ſ	_	fark all that apply.)			•		·
Odort	Sewa		Chemic		None	Other:	
Color: Bottom Depor	Clear	<u></u>	Gray		Milky	Other: Mur	Ку
Surface Depo		ge Solids Scum	Fine sec		None None	Other:	
Backwate *This information comprehensive un decision on the rec	is not to be use derstanding of treation use and ned, hereby	Iditional comments Missour, Ri d solely for removal of a water conditions. Conse lysis but may point to co affirm to the best o rate.	ver flow a recreational us quently, this in onditions that no of my knowle	e designation formation is to eed further ar	oree K n but rather is not intended to nalysis or that	to provide a more o directly influence a effect another use.	
	MONR		-/				_